## Attachment 2 Page 2

- 1. Protective equipment for essential personnel:
  - A. Mark II Surviveair 30-minute unit will be located in the dog house and at briefing areas, as indicated on well site diagram.
- 2. H2S detection and monitoring equipment:
  - A. 2-portable H2S monitors positioned on location for best coverage and response. These units have warning lights and audible sirens when H2S levels of 20 PPM are reached.
- 3. Visual warning systems:
  - A. Wind direction indicators as shown on well site diagram.
  - B. Caution/Danger signs shall be posted on roads providing direct access to location. Signs will be painted a high visibility yellow with black lettering of sufficient size to be readable at a reasonable distance from the immediate location.
- 4. Mud Program:
  - A. The mud program has been designed to minimize the volume H2S circulated to the surface. Proper mud weight, safe drilling practices and the use of H2S scavengers will be used if H2S is detected. The scavengers will minimize hazards when penetrating H2S bearing zones.
  - B. A mud-gas separator, H2S gas buster, flare line and electronic ignitor will be utilized if H2S is detected in the mud system.
- 5. Metallurgy:
  - A. All drill strings, casing tubing, wellhead, blowout preventers, drilling spool, kill lines, choke manifolds and flowlines shall be suitable for H2S service.
  - B. All elastomers used for packing and seals shall be H2S trim.
- 6. Communication:
  - A. Radio/Telephone communications will be in company vehicles.
  - B. At a minimum the dog house will have at least a 2-way radio to communicate with field office.

## SI & CI HZ NON LAU